Annotated Sheet

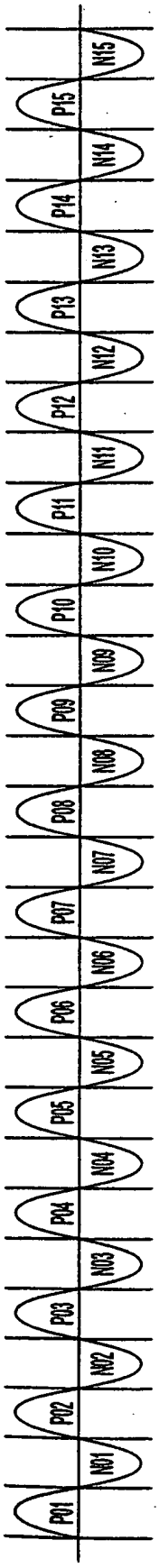

FIG. 1A

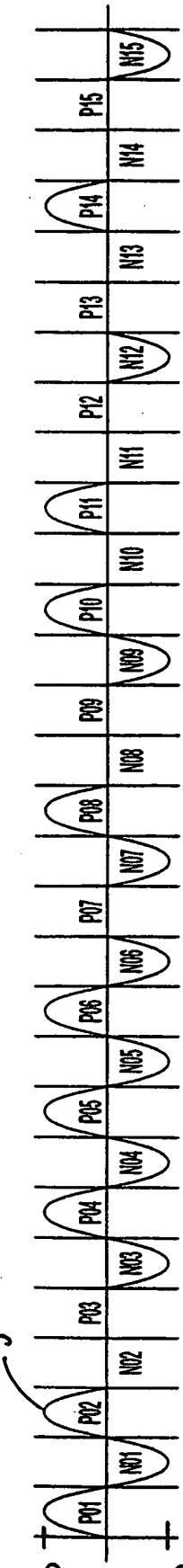

FIG. 1B

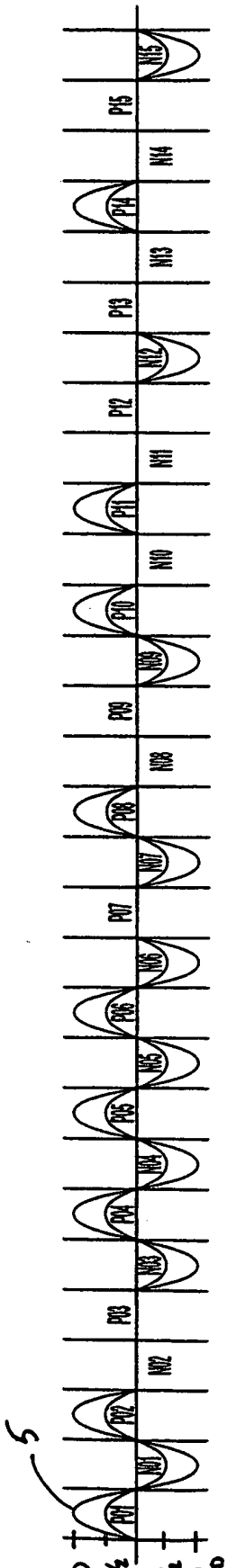

FIG. 1C

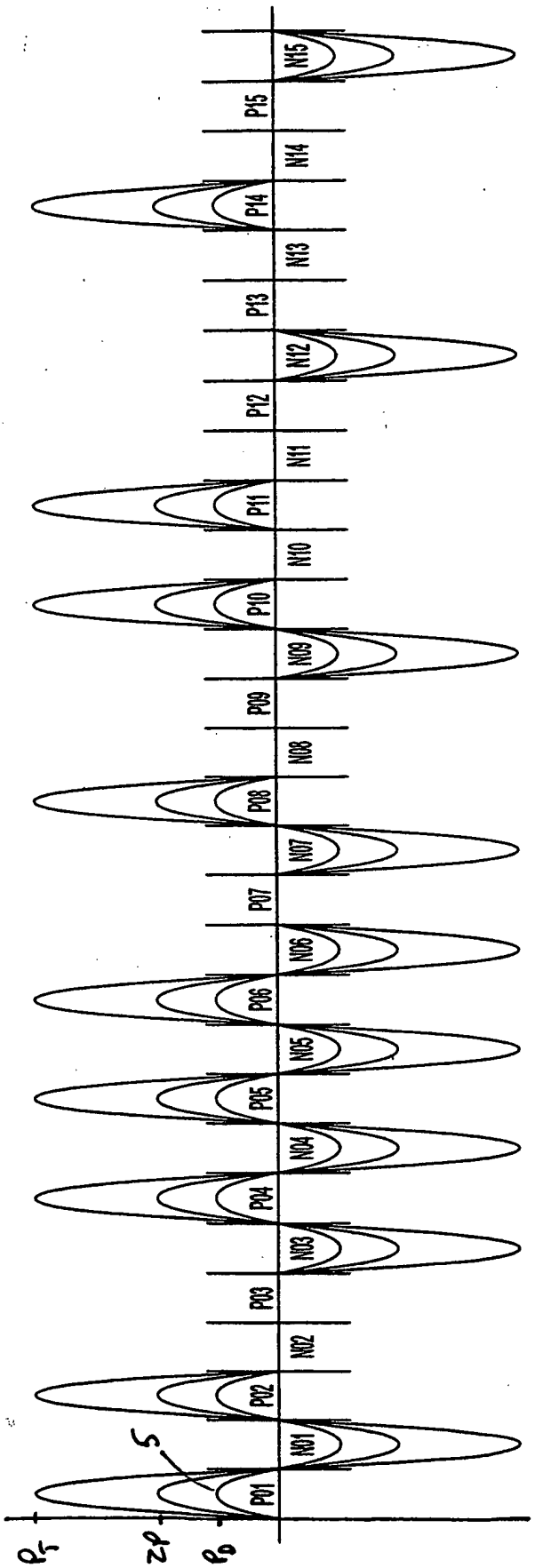
P01
N01
P02
N02
P03
N03
P04
N04
P05
N05
P06
N06
P07
N07
P08
N08
P09
N09
P10
N10
P11
N11
P12
N12
P13
N13
P14
N14
P15
N15
S
P_2
$2P$
P_0

FIG. 1D

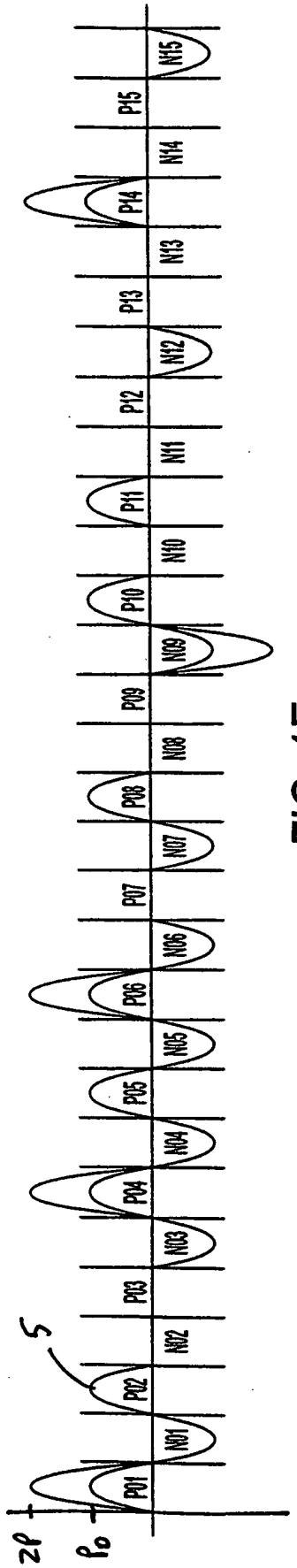
P01
N01
P02
N02
P03
N03
P04
N04
P05
N05
P06
N06
P07
N07
P08
N08
P09
N09
P10
N10
P11
N11
P12
N12
P13
N13
P14
N14
P15
N15
S
$2P$
P_0

FIG. 1E

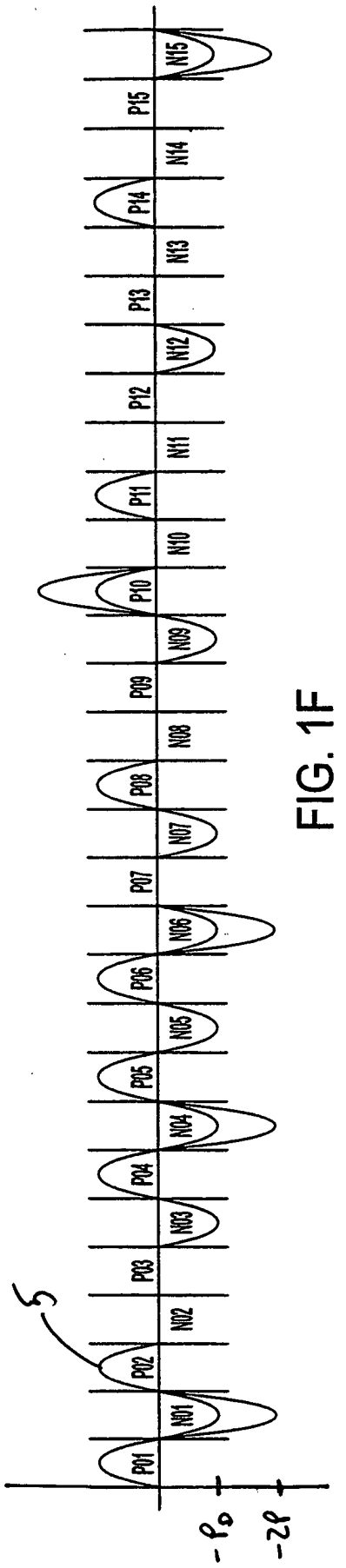
P01
N01
P02
N02
P03
N03
P04
N04
P05
N05
P06
N06
P07
N07
P08
N08
P09
N09
P10
N10
P11
N11
P12
N12
P13
N13
P14
N14
P15
N15
S
-ρ0
-2ρ

FIG. 1F

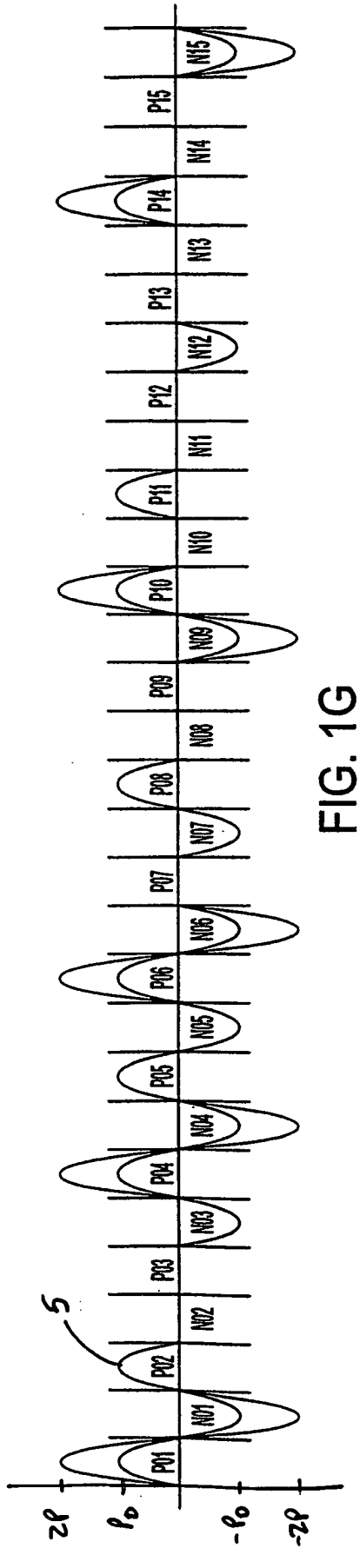
P01
N01
P02
N02
P03
N03
P04
N04
P05
N05
P06
N06
P07
N07
P08
N08
P09
N09
P10
N10
P11
N11
P12
N12
P13
N13
P14
N14
P15
N15
S
2ρ
ρ0
-ρ0
-2ρ

FIG. 1G

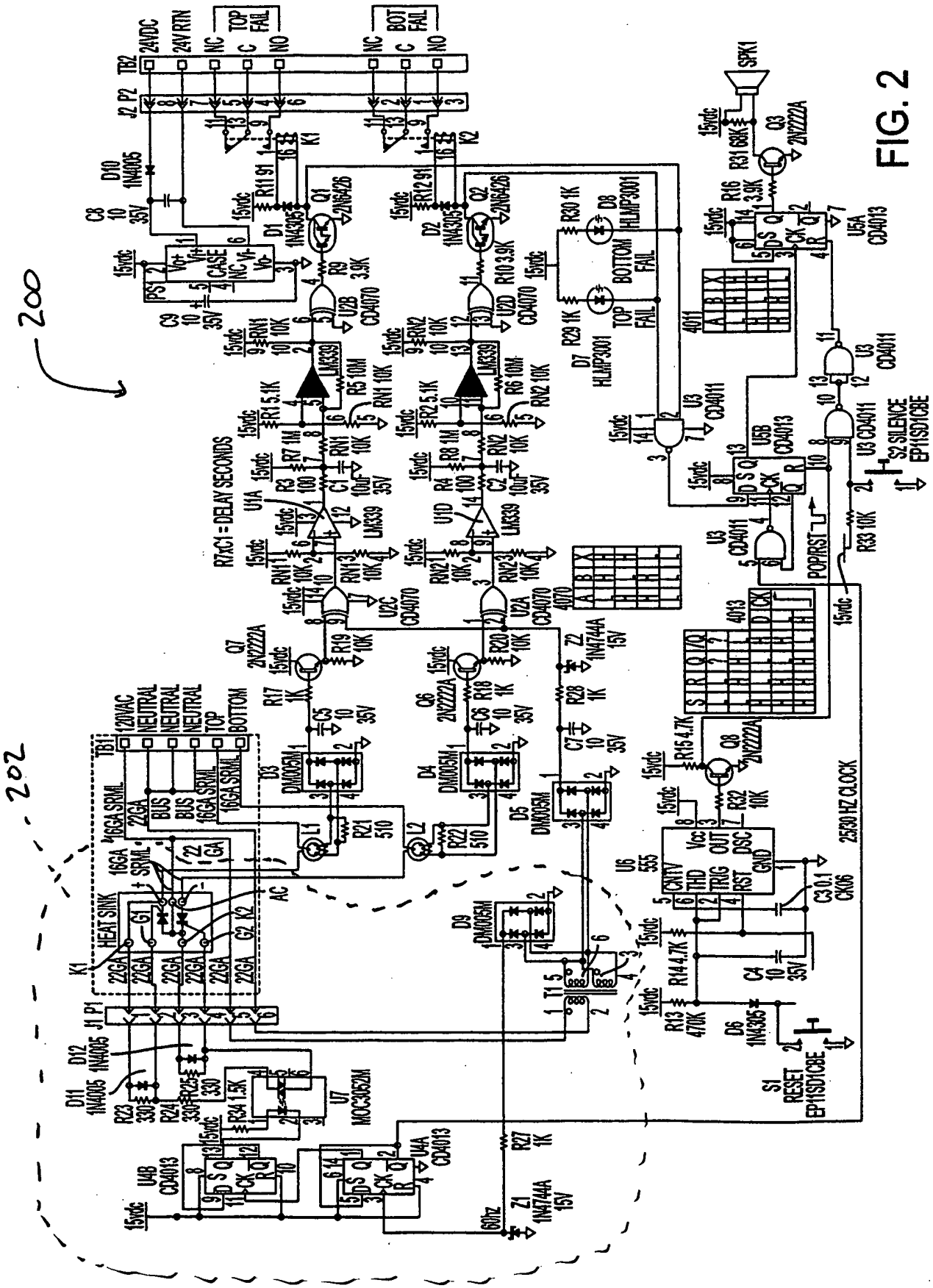
200
202
TB2
24VDC
24V RTN
NC
TOP FAIL
C
NO
BOT FAIL
J2 P2
K1
K2
D10 1N4005
C8 10 35V
15vdc
R11 91
R12 91
Q1 2N6426
Q2 2N6426
D1 1N4305
D2 1N4305
R9 3.9K
R10 3.9K
PS1
Vcc
Vout
CASE
NC
Vss
C9 10 35V
U2B CD4070
U2D CD4070
RN1 10K
RN2 10K
LM339
R1 5.1K
R2 5.1K
R5 10M
R6 10M
R7 1M
R8 1M
R3 100
R4 100
C1 10uF 35V
C2 10uF 35V
U1A
U1D
R7XC1 = DELAY SECONDS
RN11 10K
RN13 10K
RN21 10K
RN23 10K
U2C CD4070
U2A CD4070
4070
Q7 2N2222A
Q6 2N2222A
R19 10K
R20 10K
R17 1K
R18 1K
R28 1K
C5 10 35V
C6 10 35V
C7 10 35V
Z2 1N4744A 15V
TB1
120VAC NEUTRAL
NEUTRAL
NEUTRAL
TOP
BOTTOM
16GA SRML
22GA
BUS
D3 DM005M
D4 DM005M
D5 DM005M
D9 DM005M
L1
L2
R21 510
R22 510
HEAT SINK
G1
G2
K2
AC
J1 P1
D12 1N4005
D11 1N4005
R23 330
R24 330
R25 330
R34 1.5K
U7 MOC3052M
U4B CD4013
U4A CD4013
R27 1K
Z1 1N4744A 15V
60hz
SPK1
Q3 2N2222A
R31 68K
R16 3.3K
U5A CD4013
D8 HLMP3001
D7 HLMP3001
R30 1K
R29 1K
BOTTOM FAIL
TOP FAIL
4011
U3 CD4011
U5B CD4013
S2 SILENCE EP11SD1C6E
POR/RST
R33 10K
4013
Q8 2N2222A
R15 4.7K
R32 10K
U6 555
CNTV
THD
TRIG
RST
Vcc
OUT
DSC
GND
25/30 HZ CLOCK
C3 0.1 CK06
C4 10 35V
R14 4.7K
R13 470K
D6 1N4305
S1 RESET EP11SD1C6E
T1 5

FIG. 2

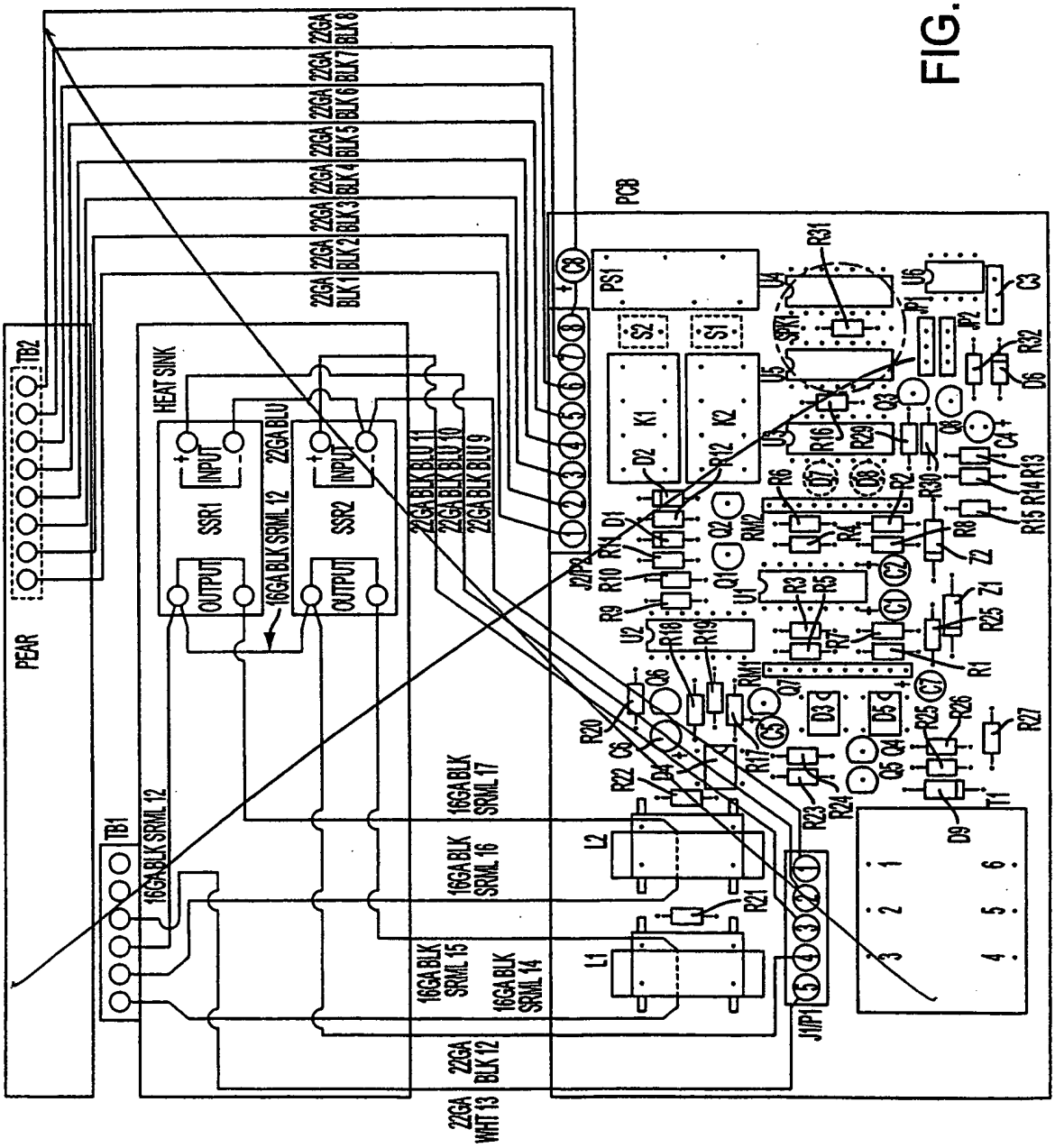
PEAR
TB2
TB1
HEAT SINK
SSR1
SSR2
INPUT
OUTPUT
22GA BLU
16GA BLK SRML 12
22GA BLK BLU 11
22GA BLK BLU 10
22GA BLK BLU 9
22GA BLK 8
22GA BLK 7
22GA BLK 6
22GA BLK 5
22GA BLK 4
22GA BLK 3
22GA BLK 2
22GA BLK 1
16GA BLK SRML 17
16GA BLK SRML 16
16GA BLK SRML 15
16GA BLK SRML 14
22GA BLK 12
22GA WHT 13
PCB
PS1
K1
K2
S1
S2
L1
L2
J1/P1
J2/P2
T1

FIG. 4

FIG. 5

Annotated Sheet